

S E R V I C E N O T E

SUPERSEDES: None

N4002A Smart Noise Source

Serial Numbers: 0000A00000 / 9999Z99999 (All)

Bias current adjustment may be necessary to meet ENR specs.

To Be Performed By: Agilent-Qualified Personnel

Situation:

When the Noise Cartridge, Bulkhead, or PC board is replaced during field repair, the bias current to the diode may need to be adjusted in order for the noise source to meet ENR specifications. This is due to a change in noise diodes and circuit redesign.

Solution / Action:

Installation Note 00346-900140 describes the process of setting the bias current through resistor selection, and should be followed when these parts are replaced in the field. This Installation Note (IN) is shipped with the replacement parts, and is available as a customer orderable part. Repairs should not be attempted without full calibration capability. Installation Note 00346-90024 may also be required for some units to bring the ENR to within spec.

DATE: June 2001

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
INFORMATION ONLY		
AUTHOR: TC	ENTITY: BEST PGU	ADDITIONAL INFORMATION: